



A G E N D A
Tuesday, August 22, 2023
8:00 a.m.

PLEASE NOTE: You are able to join the meeting via Zoom - the invitation to the meeting is attached to the email forwarding this agenda.

1. Approve the minutes of the Regular Meeting held August 8, 2023, and the Special Meeting held August 15, 2023.
2. Approve the airport vouchers totaling \$278,954.08.
3. Approve the individual vouchers:
 - A. TL STROH ARCHITECTS - \$561.00
Parking Lot Exit Plaza Project.
 - B. SUN ELECTRIC, INC. - \$936.00
Partial Payment Request #13, Parking Lot Exit Plaza Project.
 - C. SUN ELECTRIC, INC. - \$16,350.00
Partial Payment Request #14 (Final), Parking Lot Exit Plaza Project.
 - D. FLINT GROUP - \$13,362.50
2023 Airport Marketing Program.
 - E. MEAD & HUNT - \$20,308.95
Long Term Parking Lot Expansion Project.
 - F. MEAD & HUNT - \$61,424.37
North General Aviation Area Apron Expansion Project, AIP57.
 - G. MEAD & HUNT - \$979.42
Gate 4 Boarding Bridge Replacement.
 - H. MEAD & HUNT - \$22,018.48
Cargo Apron Glycol Forecemain.
 - I. MEAD & HUNT - \$1,683.61
East Economy Parking Lot.
 - J. MEAD & HUNT - \$796,383.38
Passenger Terminal Expansion and Modification Project.
 - K. CUMMING GROUP - \$5,176.25
Passenger Terminal Expansion and Modification Project.
 - L. MEAD & HUNT - \$4,433.43
Security Access System Upgrade.
 - M. MEAD & HUNT - \$21,547.20
Airfield Environmental Documentation (Final).

AGENDA
AUGUST 22, 2023
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4. Receive 2nd Quarter airport marketing update from Flint Group.
5. Continue discussion regarding airport marketing services.
6. Receive responses to RFQ for architectural services for proposed parking ramp and elevated walkway.
7. Receive responses to RFQ for Construction Management at Risk for proposed parking ramp and elevated walkway. Receive recommendation from the selection committee.
8. Receive update from Joel Kath, Electric Engineer, regarding airfield lighting and regulator replacement project.
9. Receive request from Fargo Air Museum regarding sponsorship for 15th Annual Celebrity Dinner and Auction, September 7, 2023.
10. Authorize upgrade and repairs to Vaisala runway surface sensor system (\$103,256.53).
11. Authorize purchase of Eagle & Myslik airfield edge light cleaner (\$102,420.00).
12. Receive communication from Grand Forks Fire Equipment and Chief Noyes regarding the replacement of MSA G1 SCBA gear for ARFF employees.
13. Receive Change Order #1 from Northern Improvement Company for the North General Aviation Area Ramp Expansion and Perimeter Road Reconstruction Project for a deduct of \$206,976.08.
14. September meeting dates: Thursday, September 14
 Tuesday, September 26
15. Airport construction and security update.

Join Zoom Meeting

<https://us02web.zoom.us/j/428180443?pwd=U1hwMGJmVmdyc1ljUGE1Mkl0VnRBdz09>

Meeting ID: 428 180 443

Password: 2801

Dial (669-900-6833) or (253-215-8782)

If necessary, the Municipal Airport Authority may enter into executive session to consider or discuss closed or confidential records or information pursuant to North Dakota Century Code Sections 44-04-19.1, 44-04-19.2., 44-04-24 and 44-04-26.

Regular Meeting

Tuesday

August 8, 2023

The Regular Meeting of the Municipal Airport Authority of the City of Fargo, ND, was held Tuesday, August 8, 2023, at 8:00 a.m.

Present: Engen (via zoom), Berg (via zoom), Kapitan, Ekman, Cosgriff
Absent: None
Others: Bossart (via zoom), Strand

Chair Cosgriff presiding.

Approved the Minutes of the Regular Meeting Held July 25, 2023:

Kapitan moved to approve the minutes of the Regular Meeting held July 25, 2023.
Second by Ekman.
All members present voted aye. Motion carried.

Approved the Airport Vouchers Totaling \$209,804.04:

Engen moved to approve the airport vouchers totaling \$209,804.04.
Second by Kapitan.
All members present voted aye. Motion carried.

Approved the Individual Vouchers:

Kapitan moved to approve the individual vouchers:

- A. MEAD & HUNT - \$3,797.69
East Economy Parking Lot Project.
- B. MEAD & HUNT - \$2,387.47
South General Aviation Area Apron Reconstruction Project.
- C. XCEL ENERGY - \$20,230.18
Electric service for storm pump – North General Aviation Area Expansion Project.
- D. VOLAIRE AVIATION - \$1,875.00
Monthly data.

Approved the Individual Vouchers: (Continued)

- E. NORTHERN IMPROVEMENT COMPANY - \$218,671.11
Partial Payment #2, Long Term Parking Lot Expansion.
- F. MCGOUGH - \$20,356.12
Partial Payment #1 – Pre-construction services, Terminal Expansion Project.
- G. NORTHERN IMPROVEMENT COMPANY - \$456,253.20
Partial Payment #1 – North General Aviation Apron Expansion Project.

Second by Ekman.

On the call of the roll, Engen, Berg, Kapitan, Ekman, Cosgriff voted aye. Motion carried.

Received June Financials:

Ekman moved to receive and file June financials.

Second by Kapitan.

All members present voted aye. Motion carried.

Received Change Order #3 from Sun Electric for an Increase of \$6,360.00, Security Access System Upgrade:

Engen moved to approve Change Order #3 from Sun Electric, Inc. for an increase of \$6,360.00 to the Security Access System Upgrade Project.

Second by Ekman.

On the call of the roll, Engen, Berg, Kapitan, Ekman, Cosgriff voted aye. Motion carried.

Received Change Order #1 from Northern Improvement Company for Long Term Parking Lot Expansion Project for an Increase of \$7,547.50:

Kapitan moved to approve Change Order #1 from Northern Improvement Company for an increase of \$7,547.50 to the Long-Term Parking Lot Expansion Project.

Second by Ekman.

On the call of the roll, Engen, Berg, Kapitan, Ekman, Cosgriff voted aye. Motion carried.

Received Update from Norm Robinson Consulting Regarding Airport Marketing Program:

Norm Robinson was recognized and provided a printed detailed report on his review of the current airport marketing program with Flint Group.

Ekman moved to receive and file the report from Norm Robinson Consulting.

Second by Kapitan.

All members present voted aye. Motion carried.

Received Update from Norm Robinson Consulting Regarding Airport Marketing Program:
(Continued)

Ekman moved to include discussion about an RFP for marketing services at the next meeting. Second by Berg.

After discussion, Berg withdrew his second.

Motion failed for lack of a second.

It was the consensus of the board to add discussion of airport marketing to the next agenda and to include an information session on the relationship between the MAA and the City of Fargo in the event of a crisis.

Received Notice from Brown & Brown/NDPIT Regarding 2024 Medical Plan Renewal:

Randy Johnson, Brown & Brown, representing NDPHIT, was recognized via zoom.

Johnson gave an overview of the NDPHIT program and the renewal for 2024.

Stacey Seeger, Benefits Manager, PRO Resources, was recognized and gave an overview of how the MAA compares to other employers as far as plan offerings and employer health contributions.

Ekman moved to receive the communication from Brown & Brown dated August 1, 2023, advising of the plan increase effective 1/1/2024 of 5.77%.

Second by Kapitan.

All members present voted aye. Motion carried.

Discussion with PRO Resources to Review Employee Handbook, Benefits, Market Rate Reviews:

Megan Johnson, Human Resources Manager, PRO Resources, was recognized. She stated the employee handbook is very thorough and PRO's legal counsel reviews all clients' handbooks on a regular basis in order to make any updates as a result of changes in law.

After discussion, it was requested that the handbook clarify the direction an employee should take in the event they would need to report something to a level higher than their supervisor. It was also requested that PRO provide information to the board on any recommendation for an employee performance evaluation program.

Laurie Perlmutter, Safety Consultant, PRO, was recognized via zoom and gave an overview of the safety and health program provided for the employees.

Engen, Berg now absent.

Authorized Purchase of 2024 GMC Sierra 1500 from ND State Procurement Contract:

Kapitan moved to authorize purchase of a 2024 GMC Sierra 1500 from the ND State Procurement Contract for a cost of \$45,768.00.

Second by Ekman.

On the call of the roll, Kapitan, Ekman, Cosgriff voted aye.

Absent: Engen, Berg

Motion carried.

Discussed Passenger Terminal Automatic Door Replacement – Phase I, Center Vestibule:

Terry Stroh, TL Stroh Architects, was recognized and reviewed the proposal from Fargo Glass and Paint for the replacement of the automatic doors. The doors are old and parts are no longer available. The doors being proposed are the same as proposed for the terminal expansion project and could be moved to different locations in the building if needed.

The proposal included a base bid and two alternates:

Center Entrance	\$89,600.00
East Entrance (Alternate)	\$45,920.00
West Entrance (Alternate)	\$45,920.00

Kapitan moved to approve the proposal from Fargo Glass & Paint Co. for the Westside Terminal sliding door replacement, center, east and west entrances, for a total of \$181,440.00.

Second by Ekman.

On the call of the roll, Kapitan, Ekman, Cosgriff voted aye.

Absent: Engen, Berg

Motion carried.

Airport Construction and Security Update:

Jeff Klein, Mead & Hunt, gave an update on the North General Aviation Area Apron Expansion Project, East Economy Parking Lot, and Security Access Control System Upgrade.

Kapitan moved to adjourn the meeting until the Special Meeting to be held Tuesday, August 15, 2023 at 8:00 a.m.

Second by Ekman.

All members present voted aye and the motion carried.

Time at adjournment was 9:59 a.m.

MUNICIPAL AIRPORT AUTHORITY

Page No. 1

Special Meeting

Tuesday

August 15, 2023

The Special Meeting of the Municipal Airport Authority of the City of Fargo, North Dakota, was held Tuesday, August 15, 2023, at 8:00 a.m.

Present: Engen, Berg (via zoom), Kapitan, Ekman, Cosgriff

Absent: None

Others: Bossart (via zoom), Strand

Chair Cosgriff presiding.

Presentation by Mead & Hunt on the Terminal Expansion and Modification Project:

Representatives from Mead & Hunt gave an update and video presentation on the Terminal Expansion and Modification Project.

The meeting was adjourned until the next Regular Meeting to be held Tuesday, August 22, 2023.

Time at adjournment was 9:03 am.

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VOUCHERS FOR AUTHORITY APPROVAL - AUGUST 22, 2023

AG SPRAY EQUIPMENT	PARTS FOR AIRFIELD PAINTER	\$90.43
AIRPORT LIGHTING COMPANY	AIRFIELD LIGHTING SUPPLIES - PLUGS W/CORD	\$486.50
AIRSIDE SOLUTIONS, INC.	AIRFIELD LIGHTING	\$9,791.84
ALL-TERRAIN GROUNDS MAINTENANCE	WEED CONTROL/FERTILIZER, PUBLIC AREA/AIRFIELD, WEEDING TRIMMING	\$14,205.00
ANDERSON, DARREN	REIMB FOR PURCHASE OF SONY TV (BOARDROOM) BEST BUY	\$1,612.49
A-OX WELDING SUPPLY	PROPANE - MAINT SHOP	\$19.15
BORDER STATES INDUSTRIES, INC.	AIRFIELD LIGHTING	\$2,075.93
CARR'S TREE SERVICE	SHELTERBELT MAINTENANCE	\$26,340.00
CHS DAKOTA PLAINS AG	AIRFIELD SPRAYING - WEED CONTROL	\$19,073.83
CITY OF FARGO	STORM SEWER	\$459.17
CITY OF FARGO	WATER, SEWER, GARBAGE	\$5,266.31
CITY OF FARGO FINANCE DEPT.	POLICE HOURS AT AIRPORT - JULY	\$28,713.28
CORE & MAIN	MATERIALS FOR REPAIRS TO HYDRANTS - PUBLIC AREA	\$218.09
CORE & MAIN	CLIPS FOR PUBLIC AREA SIGNAGE	\$57.00
DAKOTA FENCE COMPANY	50% DOWN PAYMENT - FENCE REPLACEMENT - SO GA	\$27,871.00
DAKOTA HOSE & FITTINGS	HOSE FOR PUMP - AIRFIELD MAINT	\$175.88
DIAMOND VOGEL	AIRFIELD PAINTING SUPPLIES	\$450.00
DIAMOND VOGEL	BEADS FOR AIRFIELD PAINTING	\$4,434.00
FARGO ELECTRIC CONSTRUCTION	SERVICE CALL - STREET LIGHT	\$245.00
FARGO TIRE SERVICE	EQUIP REPAIRS - #18, #34	\$82.50
GRAND FORKS FIRE EQUIPMENT	ARFF SUPPLIES - PARATECH	\$141.70
HAUGEN MOECKEL & BOSSART	LEGAL SERVICES - JULY	\$5,800.00
HOLMEN, ANDREW	TRAVEL - ADB LIGHTING SEMINAR, AUG 8-10, COLUMBUS, OH	\$787.14
INTERSTATE ALL BATTERY CENTER	BATTERY - EQUIP #55, RANGER	\$131.95
JOSE, DARLENE	ADMINISTRATIVE SERVICES - TSA PRECHECK, AUG 7-11	\$500.00
LIEBERMAN TECHNOLOGIES	EFIDS DATA FEED - AUGUST	\$1,230.00
MIDSTATES WIRELESS	INSTALL RADIO IN EQUIP #13 - NEW LOADER	\$253.41
MIDSTATES WIRELESS	RADIO EQUIPMENT/INSTALLATION - ARFF STATION	\$1,261.79
MIDSTATES WIRELESS	SERVICE CALL - RADIO REPEATER WENT DOWN	\$472.50
NORM ROBINSON CONSULTING, LLC	MARKETING DIRECTION CONSULTING SERVICES	\$332.00
NORM ROBINSON CONSULTING, LLC	MARKETING DIRECTION CONSULTING SERVICES	\$1,200.00
NORM ROBINSON CONSULTING, LLC	MARKETING DIRECTION CONSULTING SERVICES	\$1,632.00
NORTH DAKOTA ONE CALL	UTILITY LOCATE TICKETS - JULY	\$76.70
PARSONS ELECTRIC	UTILITY LOCATES	\$420.00
PRO RESOURCES CORPORATION	PAYROLL, TAXES, FEES JULY 24 - AUGUST 6	\$84,829.13
S & L COMPUTER SERVICES, INC.	TECH SERVICES - ARFF STATION	\$187.50
S & L COMPUTER SERVICES, INC.	TECH SERVICES - ARFF STATION	\$35.00
S & L COMPUTER SERVICES, INC.	TECH SERVICES - ARFF STATION	\$35.00
S & L COMPUTER SERVICES, INC.	TECH SERVICES - ARFF STATION	\$70.00
S & L COMPUTER SERVICES, INC.	TECH SERVICES - ARFF STATION	\$130.00
S & L COMPUTER SERVICES, INC.	TECH SERVICES	\$140.00
S & L COMPUTER SERVICES, INC.	TECH SERVICES	\$35.00
S & L COMPUTER SERVICES, INC.	TECH SERVICES	\$70.00
SAMUELSON, JASON	REIMB FOR AIRFIELD MAINT ITEMS PURCHASED AT MENARD'S	\$37.56
SANDERS METAL PRODUCTS INC.	WELDING - EQUIP #13	\$50.00
SIGN SOLUTIONS	SIGNAGE - PUBLIC AREA	\$76.52
SIGN SOLUTIONS USA, LLC	SIGNAGE - PUBLIC AREA (BLINKING STOP SIGNS)	\$3,810.20
STRUCTURAL MATERIALS	ASPHALT PATCHING MATERIAL - AIRFIELD	\$278.50
WALLWORK TRUCK CENTER	EQUIP REPAIRS - #24	\$384.42
XCEL ENERGY	ELECTRICITY/NATURAL GAS - W. TERM, US CUSTOMS	\$22,712.05
XCEL ENERGY	ELECTRICITY / NATURAL GAS	\$10,166.61
		\$278,954.08

shawn

①

From: Jeffrey Klein <jeff.klein@meadhunt.com>
Sent: Thursday, August 17, 2023 3:13 PM
To: shawn; Matt Dubbe; Rick Engen (richardwengen@gmail.com); Ben Meland
Cc: Terry; Darren Anderson
Subject: RE: Fargo Airport: CMAR Parking Ramp Proposals
Attachments: RFQ- FAR Parking Structure - Klein.pdf; RFQ CMAR MAA PARKING RAMP AND ELEVATED WALKWAY 7-13-23.pdf; 2102_001.pdf; 20230817110613417.pdf

Shawn-

The selection committee has reviewed the 3 proposals received. Based on the attached scoresheets, they are ranked as follows:

1. McGough/TF Powers
2. Kraus-Anderson
3. PCL Construction

The committee met this morning and the committee's recommendation to the MAA is to interview the top 2 firms (McGough/TF Powers & KA). The interview process will allow the opportunity for each firm to expound upon the selection criteria not specifically addressed in the proposals.

Jeff Klein, PE

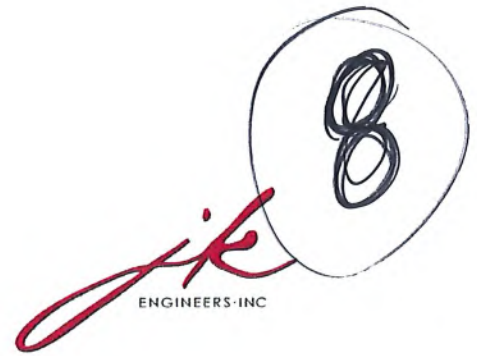
Project Manager | Aviation

Direct: 701-566-6445 | Cell: 701-200-1107 | Transfer Files

Mead&Hunt

LinkedIn | Twitter | Facebook | Instagram

Electrical Vault Renovations Hector International Airport



Quote Per ADB 6-30-2023
7/23/2023

Owner Procured Equipment - Material Only

Item	Description	Unit	QTY	Unit Price	Total	Lead Times
RWY 18-36 Lights						
	Elevated HIRL, Bi-Directional Elevated, L-862, LED	EA	77	\$850.00	\$65,450.00	16-20 Weeks
	Elevated HIRL, RWY Threshold, L-862E, LED	EA	16	\$850.00	\$13,600.00	16-20 Weeks
	Inpavement HIRL, Bi-Drectional, L-850C, LED	EA	15	\$800.00	\$12,000.00	18-20 Weeks
Subtotal					\$91,050.00	
RWY 9-27 Lights						
	Elevated MIRL, Bi-Directional Elevated, L-861, LED	EA	50	\$500.00	\$25,000.00	8-10 weeks
	Elevated MIRL, RWY Threshold, L-861E, LED	EA	16	\$500.00	\$8,000.00	8-10 weeks
	Inpavement MIRL, Bi-Drectional, L-852-C, LED	EA	14	\$1,000.00	\$14,000.00	8-10 weeks
Subtotal					\$47,000.00	
Electrical Vault Equipment						
	Constant Current Regulator, 7.5KW, 6.6A, 3 Step, Ferroresonant	EA	1	\$13,000.00	\$13,000.00	30-36 weeks
	Constant Current Regulator, 15KW, 6.6A, 3 Step, Ferroresonant	EA	1	\$16,500.00	\$16,500.00	30-36 weeks
	Constant Current Regulator, 7.5KW, 6.6A, 3 Step	EA	1	\$8,500.00	\$8,500.00	30-36 weeks
	Constant Current Regulator, 10KW, 6.6A, 3 Step	EA	2	\$8,500.00	\$17,000.00	30-36 weeks
	Constant Current Regulator, 10KW, 6.6A, 5 Step	EA	4	\$8,500.00	\$34,000.00	30-36 weeks
	Constant Current Regulator, 20KW, 6.6A, 3 Step	EA	5	\$12,000.00	\$60,000.00	30-36 weeks
Subtotal					\$149,000.00	
	Total Equipment Procurement				\$287,050.00	
	Freight Included					
	ND Sales Tax				\$18,658.25	

TOTAL OWNER PROCURED AIRFIELD EQUIPMENT

\$305,708.25

OPTIONAL ALCS PC BASED

\$200,000.00

15th Annual Celebrity Dinner & Auction

Thursday, September 7, 2023

Greetings!

We are thrilled to be hosting our annual Fargo Air Museum Celebrity Dinner and Auction on Thursday, September 7, 2023 and we hope you will join us! This year's event will feature our celebrity aircraft, the MQ-1 Predator and MQ-9 Reaper and special guests from the North Dakota Air National Guard.

The Celebrity Dinner and Auction is our largest annual fundraiser for the museum and, as this year's Event Chair, I am reaching out to you to help us make this a successful event! Our planning committee is hard at work to make this a night to remember, and we hope to have you there to celebrate with us.

We invite you to support our event and the Fargo Air Museum in the following ways:

1. **We'd love for you to purchase a table and join us to celebrate!** You can purchase event tickets or a table at fargoairmuseum.org/cda
2. **Consider becoming an event sponsor!** We have five distinct levels of sponsorships this year with plenty of opportunities to market your organization both at our event on Thursday, September 7 as well as throughout the upcoming year.
3. **Donate an item or package for the live auction!** We are looking for experiences and items that appeal to a wide variety of individuals.

We are always excited to see what new and creative items are donated each year. Donations of any kind are always appreciated! Funds raised will help us to continue our mission of education, preservation, and restoration through daily museum operations as well as monthly events including our Youth Aviation Camps and STEAM Camps and Veterans events. If you are interested in providing a donation for the event, please fill out the form online at fargoairmuseum.org/cda or use the form attached. Please direct any questions to Amy Ott, FAM Director of Operations, at (701) 293-8043 or amy@fargoairmuseum.org.

We appreciate your continued support of the Fargo Air Museum! On behalf of Ryan Thayer, Executive Director at the Fargo Air Museum, and myself, thank you for your consideration.

Blue Skies,

Sherry Heyer, Event Chair



15th Annual Celebrity Dinner & Auction Ticket Pricing

Captain's Table

\$4,000

- Best seats in the house with table for 8
- Butlered table service
- Upscale multi-course meal
- Selection of wine and champagne
- Heads/Tails paddle for each individual
- Exclusive event keepsake for each individual

Reserved Table

\$1,400

- Admission and table for 8
- Multi-course meal
- Heads/Tails paddle

Individual Ticket

\$200

- Admission
- Multi-course meal
- Heads/Tails paddle

Photos below showcase moments from past Celebrity Dinner & Auction programs.





15th Annual Celebrity Dinner & Auction **Sponsorship Levels**

Diamond

\$10,000

- Featured on marketing materials as the presenting partner
- Logo displayed on internal monitors during the event
- Featured on slideshow during the event
- Receive Captain's table for 8 at the event
- Logo recognition for one full year on fargoairmuseum.org
- 1 year platinum corporate membership

Platinum

\$7,500

- Logo on heads and tails paddles
- Featured on slideshow during the event
- Receive table for 8 at the event
- 1 year gold corporate membership

Gold

\$5,000

- Featured on slideshow during the event
- Receive 4 tickets to the event
- 1 year silver corporate membership

Silver

\$2,500

- Featured on slideshow during the event
- Receive 2 tickets to the event
- Receive 4 free admission passes to the Museum
- Corporate pricing for 1 event in 2023

Bronze

\$1,500

- Featured on slideshow during the event
- Receive 2 tickets to the event
- Receive 2 free admission passes to the Museum

Casino

\$600

- Logo on a casino tabletop *exclusive logo rights
- Receive 2 tickets to the event

*15th Annual
Celebrity Dinner & Auction*

Sponsorship Commitment Form

Sponsor Information

Business/Organization/Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____ Email: _____

Contact Name (print): _____ Signature: _____

Sponsorship Level (please check one):

☐

Diamond

☐

Platinum

☐

Gold

☐

Silver

☐

Bronze

Casino Tabletop Preference (if applicable):

☐

Poker

☐

Blackjack

☐

Roulette

☐

Craps

☐

Pull Tabs

Preferred Payment Method:

☐

I will stop into the Fargo Air Museum with cash/check*

☐

I will call the Fargo Air Museum with card number

☐

I will mail payment to the Fargo Air Museum

1609 19th Ave N

Fargo, ND 58102

☐

Please send me an invoice

**Please make checks payable to Fargo Air Museum*

Please Return Form To:

Fargo Air Museum

1609 19th Ave N

Fargo, ND 58102

701.293.8043

amy@fargoairmuseum.org

Fargo Air Museum

Education • Preservation • Restoration

Past Event Sponsors

You're in good company



*Dave & Sharon
Humphrey*



OhnstadTwichell
attorneys
Your life. Your law firm.



We invite you to learn more about the Fargo Air Museum
fargoairmuseum.org

1609 19th Avenue North | Fargo, ND 58102 | 701.293.8043

**Sold To** 68041
Hector International Airport
Airport Authority
Fargo, ND, 58108
US**Delivery Address**
Hector International Airport
Airport Authority
Fargo, 58108
US**Delivery Terms**
DAP Fargo, ND, US**Carriage by/via****Payment Terms**
30 NET**Notes**
Budgetary quote

Line #	Description	Quantity	Net Price (USD)
1	RWS200 Data Collection and Processing System NL5A3F0N0N0N0B0D0B2N1 <i>Far North RPU</i>	1 Each	19,834.20
	No Weather Transmitter	1 Each	
	Existing On-site FP2000 road sensors	4 Each	
	DR1701 interface for four FP2000 sensors	1 Each	
	Existing On-site DTS210 subsurface temperature sensor	1 Each	
	Interface for single DTS210 subsurface temperature sensor with FP2000 sensors	1 Each	
	HMP155E Air T and RH sensor E1AA11A0A0E1A0A	1 Each	
	No AQT530 Sensor	1 Each	
	M12 Connection Cable 10M	1 Each	
	Compact Radiation Shield with Mounting Arm	1 Each	
	Interface for HMP155A/E Sensor	1 Each	
	DRD11A Precipitation sensor	1 Each	
	Interface for DRD11A sensor	1 Each	



Quote By
Adam Goldie
adam.goldie@vaisala.com

QUOTATION
Q-00148953

Buyer's Reference
Darren Anderson

Page 2 of 5

Date
17-Aug-23
Last Date of
Validity
11-Aug-23

Line #	Description	Quantity	Unit Price	Net Price (USD)
	Existing On-site RM Young analog combo windsensor	1 Each		
	Interface for RM Young combo analog windsensor	1 Each		
	No Barometric Pressure Sensor	1 Each		
	No Multidepth Sensor	1 Each		
	No Traffic Counter Sensor	1 Each		
	No Device Control	1 Each		
	USA & CA WIFI enabled GPS & Cellular antenna and WIFI whip antenna	1 Each		
	Primary telemetry ethernet	1 Each		
	No optional secondary communication telemetry	1 Each		
	No solar power No solar panels	1 Each		
	Mains power with US socket	1 Each		
	26Ah backup battery	1 Each		
	Sensor arm and mounting kit for lattice mast	1 Each		
	Back plate without ENC652 enclosure	1 Each		
	No Enclosure Installation Kit	1 Each		
	Additional Accessories (Optional)			
	ASM211177 Mounting Frame RWS200	1 Each		
	RWS200 Base Structure	1 Each		
2	RWS200 Data Collection and Processing System NK0A3G0N0N0N0B0D0B2N1 <i>Far South RPU</i>	1 Each		19,593.90
	No Weather Transmitter	1 Each		

Vaisala Inc
194 South Taylor Avenue
Louisville, CO, 80027
United States

Telephone +1 303 499 1701
Telefax +1 303 499 1767

Tax Name/Number
Fed Id # 87197 2345 RT0001
QST # 04-2731916
1210562792

Restricted



Quote By
Adam Goldie
adam.goldie@vaisala.com

QUOTATION
Q-00148953

Buyer's Reference
Darren Anderson

Page 3 of 5

Date
17-Aug-23
Last Date of
Validity
11-Aug-23

Line #	Description	Quantity	Unit Price	Net Price (USD)
	Existing On-site FP2000 road sensors	3 Each		
	DR1701 interface for three FP2000 sensors	1 Each		
	HMP155E Air T and RH sensor E1AA11A0A0E1A0A	1 Each		
	No AQT530 Sensor	1 Each		
	M12 Connection Cable 10M	1 Each		
	Compact Radiation Shield with Mounting Arm	1 Each		
	Interface for HMP155A/E Sensor	1 Each		
	DRD11A Precipitation sensor	1 Each		
	Interface for DRD11A sensor	1 Each		
	Existing On-site RM Young analog combo windsensor	1 Each		
	Shared Interface for RM Young combo analog windsensor and DRD11A	1 Each		
	No Barometric Pressure Sensor	1 Each		
	No Multidepth Sensor	1 Each		
	No Traffic Counter Sensor	1 Each		
	No Device Control	1 Each		
	USA & CA WIFI enabled GPS & Cellular antenna and WIFI whip antenna	1 Each		
	Primary telemetry ethernet	1 Each		
	No optional secondary communication telemetry	1 Each		
	No solar power No solar panels	1 Each		
	Mains power with US socket	1 Each		
	26Ah backup battery	1 Each		

Vaisala Inc
194 South Taylor Avenue
Louisville, CO, 80027
United States

Telephone +1 303 499 1701
Telefax +1 303 499 1767

Tax Name/Number
Fed Id # 87197 2345 RT0001
QST # 04-2731916
1210562792

Restricted



Quote By
Adam Goldie
adam.goldie@vaisala.com

QUOTATION
Q-00148953

Buyer's Reference
Darren Anderson

Page 4 of 5

Date
17-Aug-23
Last Date of
Validity
11-Aug-23

Line #	Description	Quantity	Net Price (USD)	
	Sensor arm and mounting kit for lattice mast	1 Each		
	Back plate without ENC652 enclosure	1 Each		
	No Enclosure Installation Kit	1 Each		
	Additional Accessories (Optional)			
	ASM211177 Mounting Frame RWS200	1 Each		
	RWS200 Base Structure	1 Each		
3	RWCC Road Weather Core Components Parts, Spares and Accessories	1 Each		6,292.80
	Data Management Unit including Ethernet Cable 40 cm (DMU703-RWSSP)	1 Each		
	Road sensor interface card including Ethernet cable 30 cm (DRI701SP)	1 Each		
4	264647 Fabick Sealant Kit for FP2000	4 Each	424.15	1,696.60
5	72420300 FP2000 Surface Sensor 300' Grey	4 Each	4,230.00	16,920.00
6	24051020 Splice Kit	4 Each	246.60	986.40
7	251263 Caulking Applicator Fabick MP-55	1 Each	304.20	304.20
8	239706 Installation Day	1 Each	27,750.00	27,750.00
9	239709 Site Acceptance Test Day	1 Each	9,878.43	9,878.43
10	239698 Project Management Day	1 Each	0.00	0.00

Subtotal 103,256.53

Freight
Prepay & Add 0.00

Grand Total 103,256.53

Prices are subject to changes in taxes, duties or other charges that may apply.

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Important information

Vaisala's General Conditions, available via the links below and at www.vaisala.com/generalconditions, shall exclusively apply to any quotation and order confirmation by Vaisala, and the applicability of terms and conditions included in customer's request for offer, order or any other customer's document shall be deemed rejected by Vaisala.

- General Project Delivery Conditions of Vaisala Inc.

<https://www.vaisala.com/sites/default/files/documents/DOC231970EN.pdf>

- General License Conditions of Vaisala Group

<https://www.vaisala.com/sites/default/files/documents/DOC225649EN.pdf>

- General Conditions of Subscription Services of Vaisala Group

<https://www.vaisala.com/sites/default/files/documents/General-Conditions-of-Subscription-Services-DOC250754.pdf> and all the applicable Service Description(s).

As a result of the COVID-19 pandemic and ever-changing countermeasures by various countries, Vaisala's delivery and provision of services subject to this quotation/acknowledgement of order may be impacted. This may include, for example, the time between acceptance of your order and anticipated delivery or performance. If Vaisala's operations, or those of its suppliers, contractors and freight carriers, are impacted as a result of the COVID-19 Coronavirus pandemic and/or related countermeasures, Vaisala may be forced, and reserves the right, to suspend its deliveries and provision of services and/or extend the indicated delivery times. Vaisala will utilize all commercially reasonable efforts to communicate any such suspension or extension as soon as possible.

Eagle & Myslik Inc.

2869 South Shoshone Englewood, CO 80110
141 Sandborn Road Tilton, NH 03276



Attention: Mr. Andrew Holmen, ACE
Airfield Operations Supervisor
Hector International Airport
701.241.1501
aholmen@fargoairport.com

July 20, 2023

Quote Number: BM200720231

Eagle Edge Lite Cleaner

\$89,420

- Mount to Hector International Airport's existing Oshkosh H-Series Snow Blower
- Adds to, and integrates with existing cab controls and hydraulics
- 48" overall width and 12" opening for light
- Operator controlled unit, wings open to allow runway light to be cleaned by snow brushes
- When doors are closed, all snow is plowed into blower to be cast infield*
- Unique design prevents wind-rows by directing snow into snow blower ribbon
- Laser guidance and camera system easily viewed by operator in cab to ensure safe operations
- 1,200lbs overall weight

*Design prevents windrowing to both sides, back to runway, or infield. No follow-up equipment is required on either side.

Second Blower Integration Package

\$13,000

- Mounts to second Oshkosh H-Series Snow Blower
- Integration hitch plate mounting/brackets, hydraulic functions, and control box

Warranty: 12 months from first day of use

Delivery: 90-120 days ARO

Freight: Pricing above includes freight to Hector International Airport

Installation/Training: Pricing includes all required integration on existing snow blower, as well as complete training for operators and maintainers.

Pricing: Pricing is in USD. Pricing does not include any applicable Federal or State Sales Taxes.

Thank you for providing Eagle & Myslik Inc. with this opportunity. Should you have any further questions please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ben McKeown'.

Ben McKeown
Commercial Business Manager

Telephone (866) 241-3264

"Your Airfield Solutions Partner"

Your Airfield Solutions Partner



Eagle Edge Lite Cleaner

Team Eagle has designed the latest in airport runway edge light cleaner technology to provide airports with an alternative to the conventional edge light displacement plow. The Eagle Edge Lite mounts to the side of a common production airport snow blower with an innovative back-cut plow design to help airport operators:

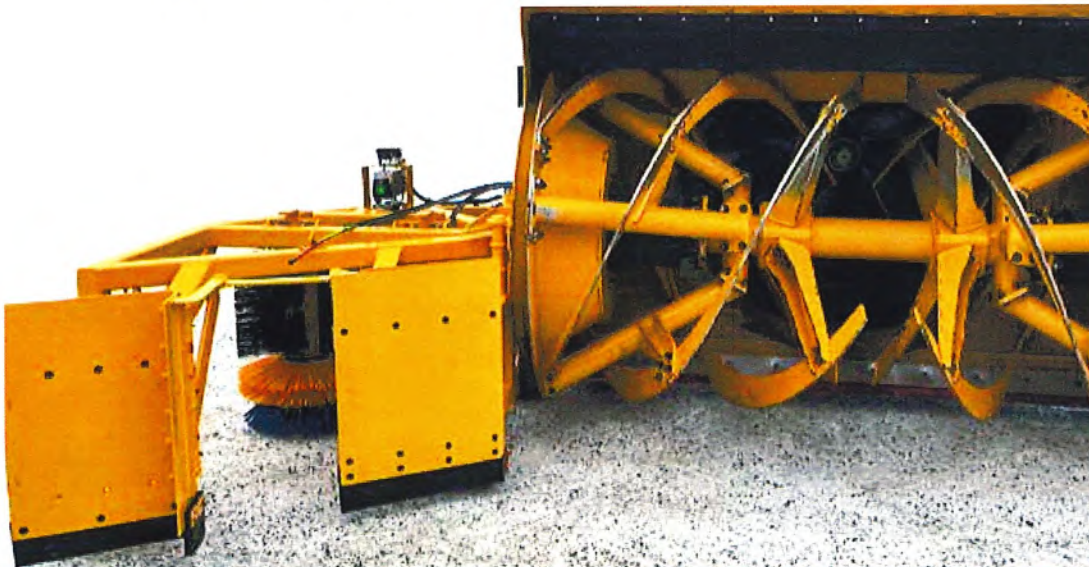
- Eliminate the need for following and clearing snow plowed towards the runway.
- Eliminate snow build up adjacent to and on the infield side of the edge lights.
- Eliminate the need for a dedicated edge light cleaning machine.
- Enhance efficiency and reduce cost with one operator and one machine.



team-eagle.com

Runway Edge Light Cleaner

- Equipped with a standalone hydraulic drive system
- Equipped with a hydraulically activated gate which opens to allow the runway edge light to pass through the blade and be swept clean
- Two hydraulically driven brushes create a rotary sweeping motion to clear snow from the lights
- Brushes rotary speed is fully adjustable
- The included high-definition, heated, anti-vibration, color camera and monitor system provides viewing of the gate operation and light alignment from within the cab
- Equipped with a class III green laser sight to provide additional centerline guidance for light alignment
- The automated air blast system keeps the camera and laser lenses cleared of snow
- The easily accessible operator control station includes controls for: system power, gate open and close, brush speed, and camera control
- 35-degree plow angle, back cuts and feeds snow into the attached blower head
- Pass over and sweep lights up to 30" tall, the industry maximum allowable edge light height
- Quick hitch design provides mounting of the Eagle Edge Lite in under 15 minutes to the right side of a common production airport snow blower
- Snow blower mounted hitch plate has minimal protrusion out past the right side of the blower to not impede normal blower operations



team-eagle.com

**Keep your lights
visible during
winter operations.**

**Keep your
airfield
operating.**

**Minimize costs
of repairing
infield ruts.**





QUOTE

Date: 7/24/2023

To: Andrew Holmen, ACE
Airfield Operations Supervisor
Hector International Airport
P.O. Box 2845 •
Fargo ND 58108-2845 USA

From: Andrew J. Perrone
Vice President, Airfield Maint. Equipment

Fortbrand Services, Inc.
50 Fairchild Court
Plainview, NY 11803

Tel: 701.241.1501
Cell:
E-Mail: AHolmen@fargoairport.com

Tel: 516-576-3200
Fax: 516-576-3221
Cell: 516-282-4059
E-Mail: aperrone@fortbrand.com

	Terms		Delivery	FOB	Sales Rep
	30 days net		Fall 2023	Ottumwa, IA	A. Perrone
Qty	Description		Per Unit	Monthly Price	TOTAL PRICE
Wille Edge Light Plow					
1	- Stark Edge Light Plow s/n:15585 Pricing above also includes the following: 50797 Stark LHA 3600 Runway Lightbar Sweeper 1pc 50930 Support Wheels LHA 3600 1 Set 50821 LHA 3600 Flat Steel Blades 1 Set 51673 Tractor (1/2") Female 4pc			\$75,123	\$75,123
1	Freight pricing is not included in the pricing above.				

* 345,000.00 for willie 865
+ delivery

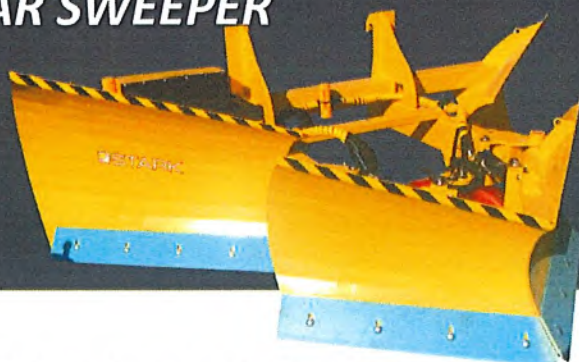


STARK®

STRONG, STRONGER, STARK

STARK LHA –RUNWAY LIGHTBAR SWEEPER

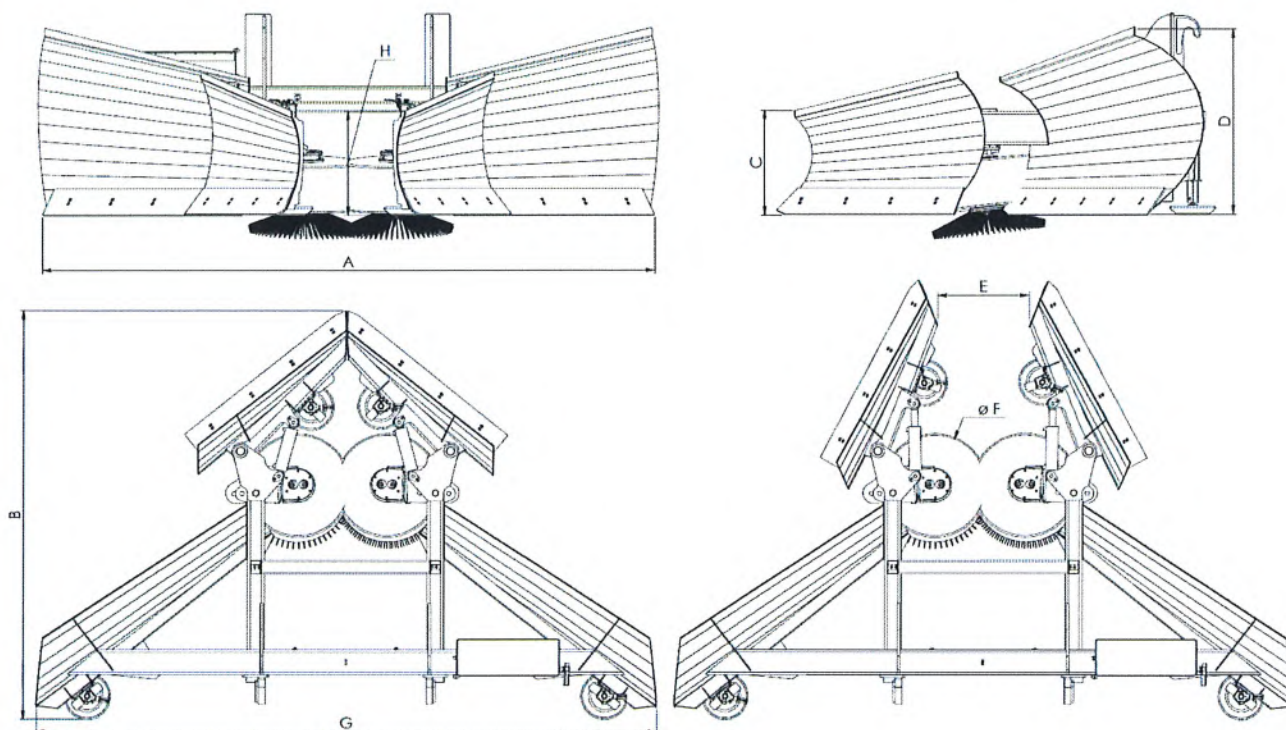
- Professional equipment for efficient cleaning of runway lightbars
- Finnish quality and best components
- The sweeper can be fitted to wheel loaders or tractor front or rear 3-point linkage



- Robust framework made of high-quality structural steel and components from leading European manufacturers ensure reliability, efficiency and durability in operation. Hydraulic components are designed for use at low temperatures. Optimized weight distribution and balancing.
 - The optimized blade angle and geometry of the wings contribute to the effective removal of snow to the both sides, reduce the resistance of the mass of snow and reduce fuel consumption.
 - The original design provides an excellent view to the working brushes and the wings. The absence of structural elements in the field of view facilitates the work of the operator and prevents damage to the signal lights.
 - Accurate and quick opening of the front wings, stepless adjustment of the rotation speed of the brushes and soft bristles allow cleaning quickly and carefully.
 - Standard equipment includes 3-point linkage cat. 2/3 or Volvo BM fittings, mechanical adjustment of the brushes, oil flow / speed controller for brushes, two pairs of support legs with rotating skids, 4 hydraulic hoses to the base machine, flat steel blades 500 HB, hazard taping.
-
- Optional equipment: two pairs of support wheels, Electric valve 12 or 24 V for connecting by 2 hydraulic hoses to the base machine, control unit with wiring kit 12/24 V, perforated or rubberized perforated blades 500HB, polypropylene wear-resistant blades.



STARK attachments have been manufactured for over 40 years



Model	Working width (mm)	Overall Length (mm)	Min wing height (mm)	Max. wing height (mm)	Wedge opening width (mm)	Bristle diameter (mm)	Overall width (mm)	Ground clearance (mm)	Min oil demand (l / min)	Max. oil supply (l / min)	Max. pressure (bar)	* Weight (kg)
	A	B	C	D	E	F	G	H				
LHA 3600	3630	2430	620	1100	540	600/700	3680	610	40	100	300	990

* Weight may vary slightly depending on the configuration



WILLE 865



The Wille 865 is really a multi-functional wheel loader, whose work attachments can also be connected to the rear lift or to the top of the engine compartment. The most powerful operating hydraulic system on the market with two hydraulic circuits, and a load-sensing variable displacement pump is a standard feature. The combined flow of the motor hydraulics is 200 lpm, which is particularly needed when driving a snow blower under tough conditions. Wille is low, agile and able to work smoothly even in narrow places.

Wille machines are equipped with the new more effective Kohler KDI 100 kW engine (EU Off Road Stage 4). Automatic EcoDrive (AED) reduces RPM in transfer speed and saves fuel and lowers emission app. 25 %. The machines never lack power even during tough transport driving or when ploughing heavy snow. The lifting forces are equivalent to those of a wheel loader of the same size. Its transfer speed is max. 50 kph which can be limited if necessary.



ENGINE

- Kohler KDI 3404 TCR-SCR EU Off Road Stage 4
- 4-cylinder turbo-charged Diesel-engine with intercooler DOC and SCR
- Common Rail – fuel system
- Displacement 3359 cm³
- Output 100 kW (136 hp) / 2200 rpm
- Max. torque 500 Nm/1400 rpm
- Fuel tank 100 l
- AdBlue tank 16 l

ELECTRIC SYSTEM

- Voltage 12 V
- Battery 145 Ah
- Start motor 3,2 kW
- Alternator 120 A

TRANSMISSION

- Hydrostatic transmission
- Variable displacement pump
- Variable displacement motor
- Driving direction to the front and rear is changed electrically
- 2-speed electro-hydraulic range gearbox
- Driving speed/traction force
- 0–20 kph 4,720 daN
- 0–50 kph 2,330 daN

NOISE LEVEL

- External under LWA 102 dBA
- Inside cabin under LpA 70 dBA

WEIGHT (KG)

- Own weight 7050/7550
- Front axle weight 2790
- Rear axle weight 4260/4760*
- * Rear tyres with liquid filling

STEERING SYSTEM

- Hydrostatic articulated steering
- Turning angle +/- 39°
- Angle of oscillation +/- 12.5°

AXLES

- Automatic friction locks in the front and rear
- Hydraulically assisted multi-disc brakes in oil-bath in the front and rear
- Electro-hydraulic control of the parking brake with immobilizer

OPERATING HYDRAULICS

- Load-sensing variable displacement pump 145 lpm, 220 bar
- Gear pump 55 lpm, 220 bar
- Max. flow of motor hydraulic pumps 200 lpm, 220 bar
- Volume of the hydraulic system about 150 l
- Hydraulic oil cooler

LOADER

- Optional quick-coupler types: Kunta 500 and Volvo BM
- Hydraulic quick-coupler for work attachment
- Hydraulic self-level feature of the loader
- Automatic suspension for the loader, 5–10 kph
- Hydraulic pilot control
- Service support for loader-arms
- Loader-arm support for levelling work

TYRES

- 460/65R24
- (width of the machine 2070 mm)
- 500/60R22.5
- (width of the machine 2150 mm)

STANDARD EQUIPMENT

- Motor hydraulic pumps
- double-acting to the front 0–145 lpm
- single-acting to the front 55 lpm
- single-acting to the front 55–200 lpm
- single-acting to the rear 55/0–145 lpm
- Hydraulic circuit for 3rd cylinder, proportional control 0–90 lpm
- Hydraulic circuit for 4th cylinder, proportional control 0–90 lpm
- Double-acting cylinder hydraulics to the rear
- Electric inching and accelerator pedal
- Socket outlet of 12 V in the front and rear
- From the cabin foldable Beacon light shaft
- TFT display
- Radio/mp3 Bluetooth/AUX-in/USB/SD-Card
- Windscreen and rear window wiper and washer
- Rear mirrors with heating
- Low beam automation
- LED work lights in the front, EMC- and E-certified
- Adjustment of steering wheel tilt
- Seat with heating
- 2-point safety belt
- Roof window
- Safety cabin ROPS (ISO 3471)
- Safety cabin FOPS (ISO 3449 1365 J)
- Engine heater
- Bottom armours in the front and rear
- Towing hitch
- Reverse alarm, on/off selectable
- Electric automatic main switch
- Brackets for work attachments on top of the engine compartment

OPTIONAL EQUIPMENT

- Hydraulic rear lift with towing hitch (Kunta 500)
- Lifting force to the upper position 34 kN
- Thrust force with rear blade 17.7 kN
- Float position
- Hydraulic circuit for 5th cylinder
- Hydraulic circuit for 6th cylinder
- Heater for hydraulic oil tank
- Central pressure lubrication
- Air-conditioning, automatic
- Air-cushioned seat, 3-point seat belt
- Readiness for cabin heater
- Brake valve for trailer
- Elevated cabin 160 mm
- FOPS roof (ISO 3449 11600 J)
- Counter-weight 400 kg
- Joystick control
- Rear view camera
- Backup camera
- Refill pump for hydraulic oil

Wille Optim

work attachments

- Rotary brush 240, 270, 320
- Collecting sweeper 650
- Soil bucket 1,300 l
- Snow bucket 2500 l
- Multi-function bucket 2,000 l
- Leave bucket 1,900 l
- Hydraulic rear blade 2,500
- Rear sand spreader 700 l
- High-pressure washer 1,500 l
- Platform with hydraulic tipping 800 l
- Access platform Wille-9
- Forklift forks



	FRONT FACE OF THE QUICK-COUPLER	BUCKET 1300 L	FORKLIFT FORK 500 mm LOAD CENTRE DISTANCE
Hydraulic lifting force at lower position, kN	65,8	61,4	51,6
Hydraulic lifting force at upper position, kN	42,5	39,6	33,3
Rated transport capacity, kg		1,970* 2,190**	2,440 (on even surface*) 2,664 (on even surface**)
Tipping load, with straight/turned machine, kg	5,000/4,330* 5,495/4,760**	4,570/3,940* 5,065/3,380**	3,560/3,050* 3,960/3,330**
Break-out force of the bucket, kN		42,5	

* with Nokia 460/65 R 24 tyres and rear-lift. According to ISO 8313 and EN 474-3 standards

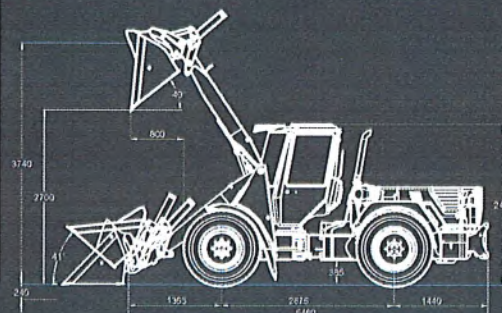
** with rear-lift and rear tyres with liquid filling

Dimensions with 1,300 l bucket:

Width 2,150 mm

Inner turn radius 2,650 mm

Outer turn radius 4,800 mm



shawn

From: Andrew Holmen
Sent: Wednesday, August 16, 2023 2:56 PM
To: shawn
Subject: Fwd: Will
Attachments: datasheet-stark-runway-lightbar-sweeper.pdf; W865stage4_EN.pdf

Get [Outlook for iOS](#)

From: Andrew Perrone <aperrone@fortbrand.com>
Sent: Wednesday, August 16, 2023 2:45:29 PM
To: Andrew Holmen <AHolmen@fargoairport.com>
Cc: Carlton Braley <cbraley@fortbrand.com>
Subject: Re: Will

Andrew

The Wille unit that should be fitted to the edge Light plow is the 865. This machine has the proper power needed to push and operate the plow as well as the ground clearance to fit over your edgelights. I have attached a spec for the 865 for your review. The current cost of this model is approximately \$345,000 plus delivery.

Kindly get back to me to discuss any questions you may have and how you would like to proceed.

Thank you

Best regards

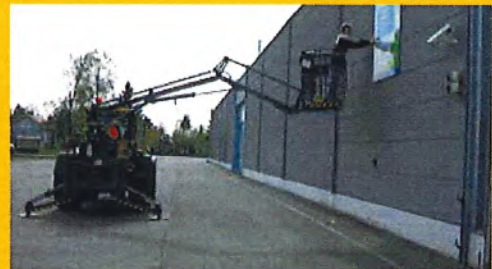
Andrew J. Perrone

Vice President, Airfield Maintenance Equipment (AME)
Fortbrand Services LLC
50 Fairchild Court
Plainview, New York 11803
516-282-4059 Cell
516-576-3200 Ex. 212 Office
aperrone@fortbrand.com





WILLE 865



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- Common Rail – fuel system
- Displacement 3359 cm³
- Output 100 kW (136 hv)/ 2200 rpm
- Max. torque 500 Nm/1400 rpm
- Fuel tank 100 l
- AdBlue tank 16 l

ELECTRIC SYSTEM

- Voltage 12 V
- Battery 145 Ah
- Start motor 3,2 kW
- Alternator 120 A

TRANSMISSION

- Hydrostatic transmission
- Variable displacement pump
- Variable displacement motor
- Driving direction to the front and rear is changed electrically
- 2-speed electro-hydraulic range gearbox
- Driving speed/traction force 0–20 kph 4,720 daN
0–50 kph 2,330 daN

NOISE LEVEL

- External under LWA 102 dBA
- Inside cabin under LpA 70 dBA

WEIGHT (KG)

- Own weight 7050/7550
- Front axle weight 2790
- Rear axle weight 4260/4760*
- * Rear tyres with liquid filling

STEERING SYSTEM

- Hydrostatic articulated steering
- Turning angle +/- 39°
- Angle of oscillation +/- 12.5°

AXLES

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- Load-sensing variable displacement pump 145 lpm, 220 bar
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- Socket outlet of 12 V in the front and rear
- From the cabin foldable Beacon light shaft
- TFT display
- Radio/mp3 Bluetooth/AUX-in/USB/SD-Card
- Windscreen and rear window wiper and washer
- Rear mirrors with heating
- Low beam automation
- LED work lights in the front, EMC- and E-certified
- Adjustment of steering wheel tilt
- Seat with heating
- 2-point safety belt
- Roof window
- Safety cabin ROPS (ISO 3471)
- Safety cabin FOPS (ISO 3449 1365 J)
- Engine heater
- Bottom armours in the front and rear
- Towing hitch
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- Electric automatic main switch
- Brackets for work attachments on top of the engine compartment

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- Hydraulic rear lift with towing hitch (Kunta 500)
- Lifting force to the upper position 34 kN
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- Central pressure lubrication
- Air-conditioning, automatic
- Air-cushioned seat, 3-point seat belt
- Readiness for cabin heater
- Brake valve for trailer
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- Counter-weight 400 kg
- Joystick control
- Rear view camera
- Backup camera
- Refill pump for hydraulic oil

Wille Optim

work attachments

- Rotary brush 240, 270, 320
- Collecting sweeper 650
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- High-pressure washer 1,500 l
- Platform with hydraulic tipping 800 l
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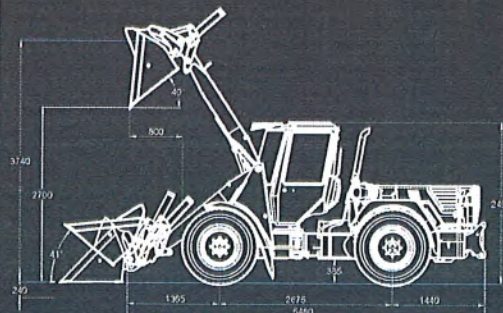


	FRONT FACE OF THE QUICK-COUPLER	BUCKET 1300 L	FORKLIFT FORK 500 mm LOAD CENTRE DISTANCE
Hydraulic lifting force at lower position, kN	65,8	61,4	51,6
Hydraulic lifting force at upper position, kN	42,5	39,6	33,3
Rated transport capacity, kg		1,970* 2,190**	2,440 (on even surface*) 2,664 (on even surface**)
Tipping load, with straight/turned machine, kg	5,000/4,330* 5,495/4,760**	4,570/3,940* 5,065/3,380**	3,560/3,050* 3,960/3,330**
Break-out force of the bucket, kN		42,5	

* with Nokia 460/65 R 24 tyres and rear-lift. According to ISO 8313 and EN 474-3 standards

** with rear-lift and rear tyres with liquid filling

Dimensions with 1,300 l bucket:
Width 2,150 mm
Inner turn radius 2,650 mm
Outer turn radius 4,800 mm



shawn

From: Chad Noyes
Sent: Tuesday, August 15, 2023 11:19 AM
To: Darren Anderson
Cc: shawn
Subject: Airpacks/SCBA
Attachments: Fargo Airport 81123 (1).docx; Fargo Airport 81123 (1).docx

12

Good morning-

Dennis Bittman, from Grand Forks Fire Equipment was here yesterday and I received clarification on the NFPA compliance. He thought our packs were purchased under the 2003 NFPA Compliance, when in fact our current air packs are 2013 NFPA Compliant. This means our air packs will be good until the new NFPA comes out (projected for 2024). We would have until the end of the year, 2024, to purchase new SCBAs (air packs).

I have included a quote for the new MSA G1 SCBA. This is the same SCBA that Fargo and West Fargo switched to. Our current SCBA has been discontinued. The quote is a sale price that is good until the end of the year (31 December 2023). After the end of the year (2023), prices will increase across the board. The current sale price is just over \$1000 off each air pack.

Grand Forks Fire Equipment is the sole source provider for MSA in our territory. I checked Sourcewell, GSA, and the ND State Contracts list and did not see anything for MSA.

The MSA G1 SCBA does have an option to upgrade a Thermal Imager into the air pack. The cost of that option is: \$1180.00 per pack. We do not need this option on every air pack. I would recommend that we purchase 2 of the air pack units with this option (one per ARFF truck).

The current lead or turn-around time to purchase these SCBA/air packs is 60 - 90 days. If we do move forward with this, it is recommended that we purchase sooner than later (otherwise lead times will increase), as there are numerous fire department in the area that are in the same situation as us.

If you have any questions, thoughts, concerns, please let me know.

Thank you,

Chad



Chad R. Noyes, A.M.F., A.C.E.
Airport Fire Chief • Hector International Airport
P.O. Box 2845 • Fargo ND 58108-2845 USA
O: 701.941.3289 M: 701.388.3627



Quotation

TO Fargo Airport

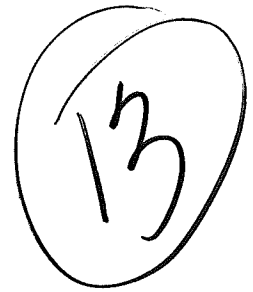
Salesperson	Job	Date	
Dennis	SCBA	08/07/23	

Qty	Description	Unit Price	Line Total
8	MSA G1 SCBA *Adjustable Lumbar with Chest Strap *4500 PSI *Remote Quick Connect with Metal Bottle Band *Alkaline (Rechargeable Battery at No Charge) *Std Hud System and Voice Amp *ICM (Pass and Control Module) On the Right Chest *Standard 15 Year Warranty	\$6,375.00	\$51,000.00
12	G1 Facepiece	\$410.00	\$4,920.00
8	45 Min 4500 Threaded Bottle BOGO Special	\$1,250.00	\$10,000.00
4	Spare Batteries	\$430.00	\$1,720.00
1	6 Bay Battery Charger	\$835.00	\$835.00
1	Quick Connect for the fill station (used with Quick Connect Bottles)	\$555.00	\$555.00
2	Thermal Imager	\$1180.00	\$2360.00
	Total		\$71,390.00
	*Includes Set Up, Delivery, Training, Fit Testing for Masks		

Thank You, Dennis Bittman Grand Forks Fire Equipment
921 N 3rd St, Grand Forks, ND 58203
218-791-1821



Change Order 1



Airport: Hector International Airport

Contractor: Northern Improvement Company

Project Name: FAR – North GA Apron Expansion

Date: August 18, 2023

1) Description

- a. Between storm sewer structure #3 and #5, change the 825 LF of 48" RCP from Class V to Class III.
- b. Eliminate the 54" RCP bends (8) and 54" tee inlet (1) which will be replaced with a 96" diameter manhole structure and 35' of additional 54" RCP.
- c. Item C-1 - Eliminate Bid Schedule 1 - Bid Item 74 – 1,995 LF Chain-link fence with mow strip.
Item C-2 - Eliminate Bid Schedule 1 - Bid Item 75 - Temporary 20' Gate with new terminal posts.
Item C-3 - Add temporary Gate 1 (24' gate utilizing existing terminal posts).
Item C-4 - Remove and replace existing mow strip at Gate 1 location (if necessary).
Item C-5 – Add temporary Gate 2 (24' gate with new terminal post).
Item C-6 – Add 8' temporary chain-link security fence.
Item C-7 – Add 8' permanent chain-link fence w/mow strip.

2) Justification

- a. The pipe between structures 3 and 5 is not within proposed or future aircraft pavement areas and therefore the amount of reinforcing can be reduced from a Class V to Class III.
- b. The revision was made to improve constructability, and to eliminate the need for a long lead time item (54' RCP bends).
- c. The project as bid included a temporary construction gate with new terminal posts (Item C-2) as well as 1,995 LF of new airfield security fence (Item C-1) within the bid schedule 2 project limits. With Bid Schedule 2 not being awarded, each bid item will be eliminated as a cost saving measure, but does trigger changes C-3 to C-7.

An alternative access gate location will be necessary with the elimination of Bid Schedule 2 and therefore, a new temporary gate 1 (Item C-3) will be installed in the existing fence (within the Bid Schedule 1 limits). The new gate 1 location will utilize existing terminal posts. A line item to remove and replace the existing pcc mow strip at this location is included should it get damaged during construction (Item C-4).

A second temporary gate 2 (Item C-5) will be installed to facilitate handling of earthwork. Earthwork excavated from the new storm water pond (landside) will be utilized in airside areas. A second gate will improve access to areas where the fill is necessary as well as improving safety by eliminating head-to-head hauling operations.

Item C-6, 305 LF of temporary chain-link security fence is necessary to allow the finished grade to be adjusted along the new taxiway where the existing security fence exists.

The original bid had 130 LF of removal and replacement of security fence to allow for the installation of storm sewer. The original price was included in item C-1, but with the change in scope of work (C-1 - Eliminate Schedule 1 - Bid Item 74 chain-link fence with mow strip, a new price was for Item C-7 is necessary.

3) Cost & Consequences of Change Order Attachments

- a. The original bid price of the 48" RCP was \$600/LF. The new unit price is \$529.65/LF for a total savings of \$58,387.50 (825 LF). To determine if the proposed price is reasonable, 2023 average annual pricing listed by the NDDOT was reviewed. The NDDOT's average price is \$539.41/LF and therefore, the proposed price of \$529.65/LF is within reason. The changes for item A are summarized as follows:

Item		Qty	Unit	Unit Price	Total
A-1	Add 48" Class III RCP	825	LF	\$529.65	\$436,961.25
A-2	Eliminate 48" Class V RCP	825	LF	(\$600.00)	(\$495,000.00)
Subtotal					(\$58,038.75)

- b. The proposed unit price for the 96" manhole is \$36,175. To determine if the proposed price is reasonable, 2023 average annual pricing listed by the NDDOT was reviewed. The NDDOT's average price is \$34,951.43. The proposed price of \$36,175 is less than 4% over the average price so it is considered within reason. Item B also eliminates bid items for the 54" RCP bends and 54" tee manhole inlet as well as adds 35' of 54" RCP at the original bid price. The changes for item B are summarized as follows:

Item		Qty	Unit	Unit Price	Total
B-1	Add 96" Diameter MH	1	EA	\$36,175.00	\$36,175.00
B-2	Eliminate 54" Class V long radius bend	8	EA	(\$7,700.00)	(\$61,600.00)
B-3	Eliminate 54" inline tee MH	1	EA	(\$11,000.00)	(\$11,000.00)
B-4	Add 54" Class III RCP	35	LF	\$552.00	\$19,320.00
Subtotal					(\$17,105.00)

- c. There aren't any bid tabulations to review comparable pricing for Items C-3 through C-7. However, based on the original bid pricing for Items C-1 & C-2, they are deemed reasonable.

Item		Qty	Unit	Unit Price	Total
C-1	Eliminate Schedule 1 - Bid Item 74 (Chain-link fence with mow strip)	1,995	LF	(\$90.00)	(\$179,550.00)
C-2	Eliminate Schedule 1 - Bid Item 75 (Temporary 20' Gate)	1	EA	(\$6,000.00)	(\$6,000.00)
C-3	New temporary gate 1 (to utilize existing terminal posts)	1	EA	\$4,600.00	\$4,600.00
C-4	Remove & replace mow strip at gate 1 location (if necessary)	1	LS	\$2,100.00	\$2,100.00
C-5	Add temporary gate 2 (w/new terminal posts & w/o mow strip)	1	EA	\$8,725.00	\$8,725.00
C-6	Add 8' temporary chain-link security fence	305	LF	\$44.90	\$13,721.95
C-7	Add 8' permanent chain-link fence w/mow strip	130	LF	\$189.00	\$24,570.00
Subtotal					(\$131,833.05)

Original contract sum was: \$9,245,421.70
Net change by previous change orders: \$0.00
Contract sum prior to this change order was: \$9,245,421.70
Contract sum will be increased by this change order in the amount of: (\$206,976.08)
New contract sum including this change order will be: \$9,038,445.62

Mead & Hunt, Inc.
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Fargo, ND 58102

Municipal Airport Authority
PO Box 2845
Fargo, ND 58108

Northern Improvement Company
PO Box 2846
Fargo, ND 58108-2846

By _____
Jeff Klein, PE

By: _____
Shawn A. Dobberstein, AAE

By: _____
Phil Duginski, VP

Date: _____

Date: _____

Date: _____